

FIG. 1

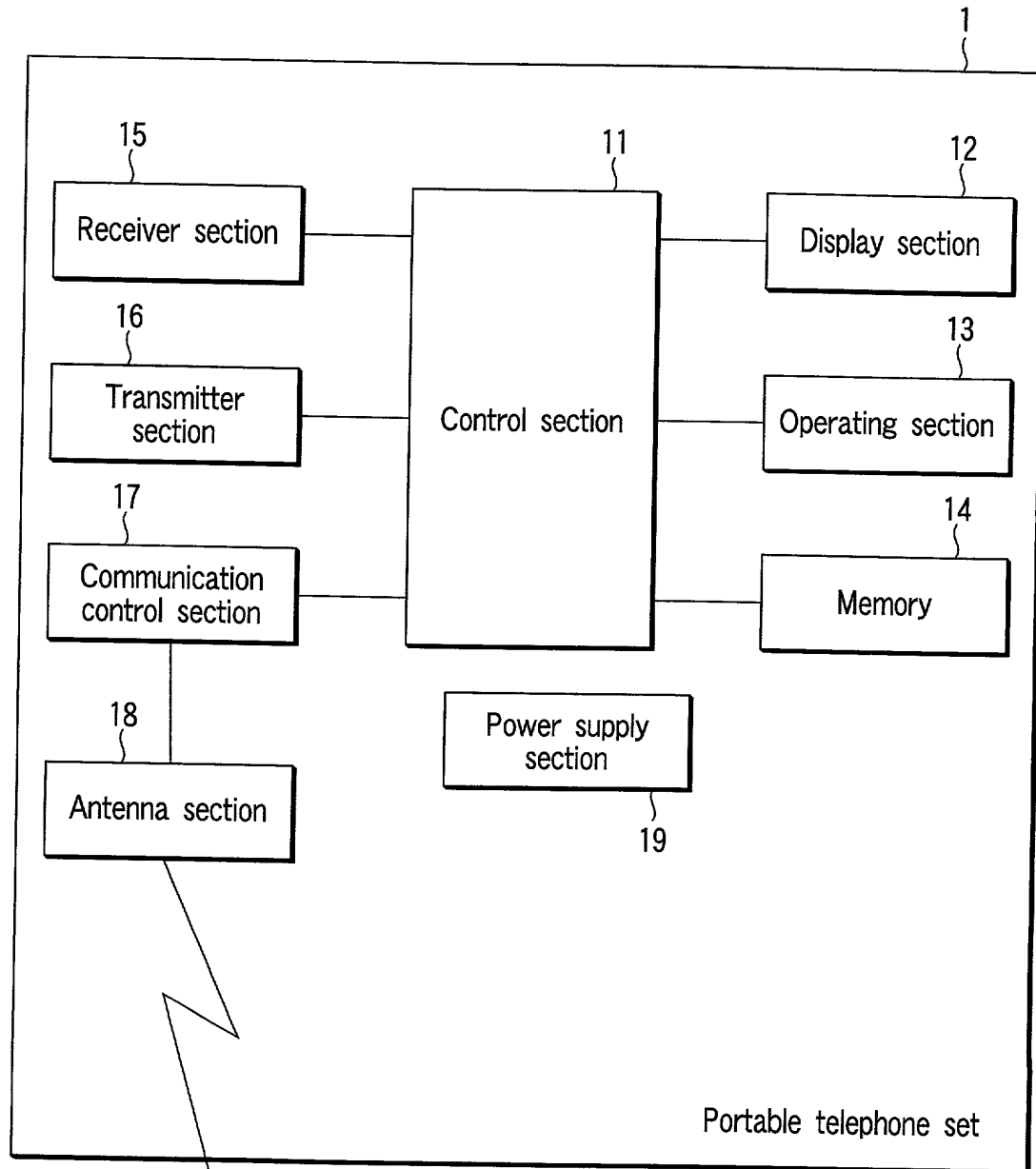


FIG. 2

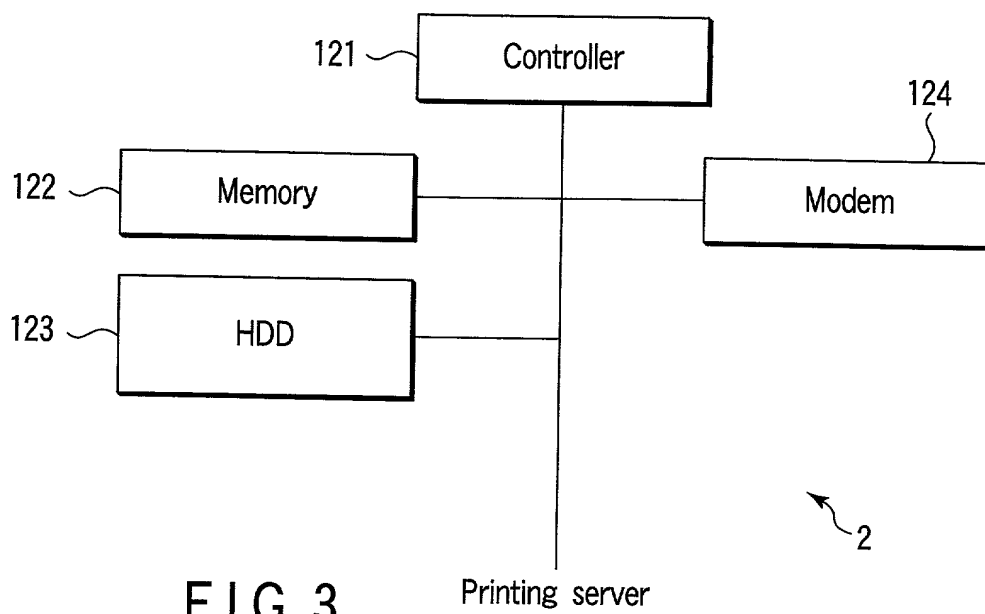


FIG. 3

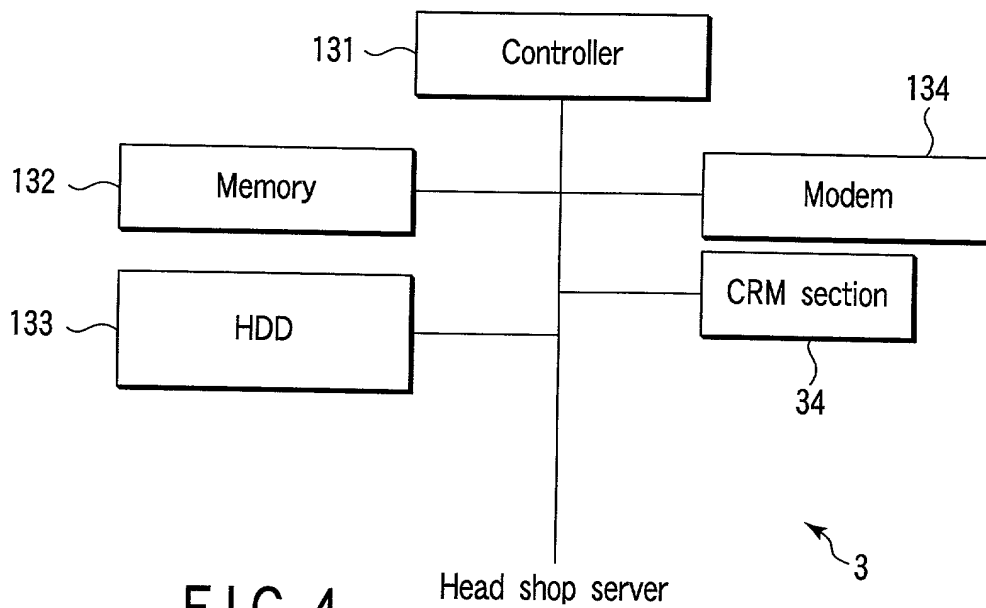
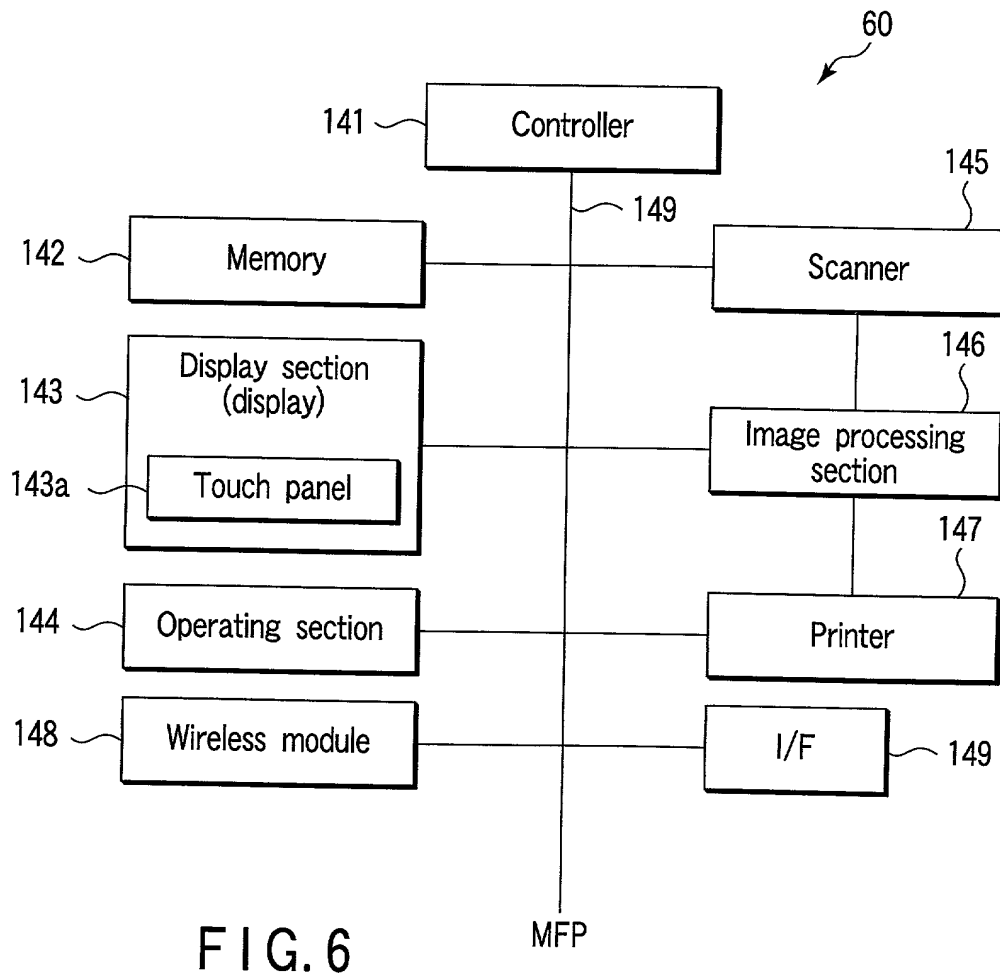
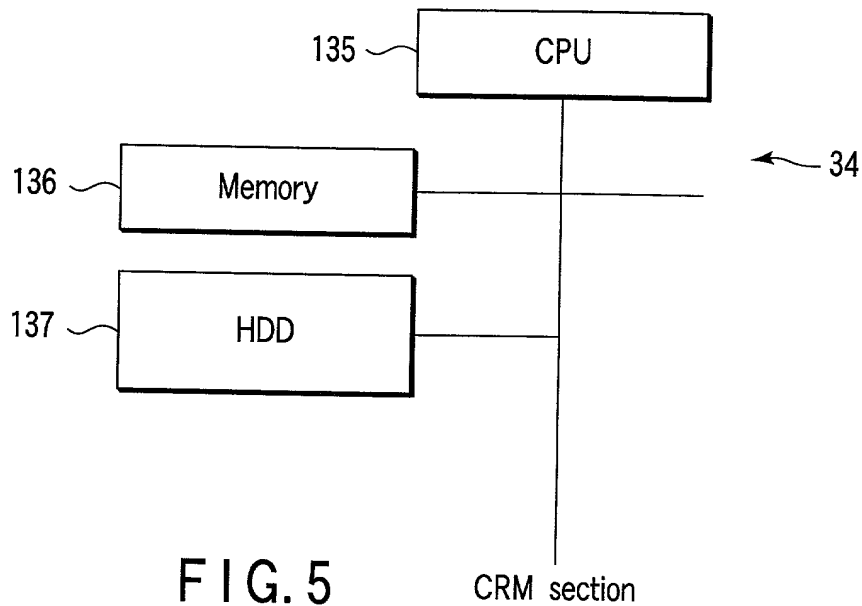


FIG. 4



21

Module name	Version	Module file name
PDF	1.1	/usr/local/bin/PrintModule/PDFPrint/1.1/PDFPrint
Word	1.0	/usr/local/bin/PrintModule/WordPrint/1.0/Print
HTML	1.0	/usr/local/bin/PrintModule/HTMLPrint/1.0/Mosaic

FIG. 7

21

Module name	Version	Module file name
PDF	1.0	/usr/local/bin/PrintModule/PDFPrint/1.0/PDFPrint
PDF	1.1	/usr/local/bin/PrintModule/PDFPrint/1.1/PDFPrint
Word	1.0	/usr/local/bin/PrintModule/WordPrint/1.0/Print
HTML	1.0	/usr/local/bin/PrintModule/HTMLPrint/1.0/Mosaic

FIG. 8

22

Device ID	Identification code
10.123.12.129	01214
10.123.12.130	01225
10.123.21.129	02114
10.123.34.129	03418

FIG. 9

22

Device ID	Identification code	Due date
10.123.12.129	46370	2001/3/1 13:14:00
10.123.12.129	12340	2001/3/1 13:18:00
10.123.12.130	36278	2001/3/1 13:17:00
10.123.21.129	27111	2001/3/1 13:15:00
10.123.34.129	76542	2001/3/1 13:16:00

FIG. 10

20020320 09:43:36 1004436 032800

23

User name	Folder name	Production date and time	Print type	Version	Size	Source file name	File name
suzuki	Folder1	2001/2/21 12:34:56	PDF	1.0	231423	添付.pdf	/export04/iBinder/F00000064.pdf
suzuki	Folder1	2001/2/28 12:37:10	PDF	1.1	342543	会場案内.pdf	/export04/iBinder/F00001025.pdf
suzuki	Folder2	2001/2/23 9:54:43	Word	1.0	5645	報告.doc	/export04/iBinder/F00000512.doc
yamada	Tmp	2001/2/22 15:00:00	HTML	1.0	123456	加知*.htm	/export04/iBinder/F00000256
kato	Mail	2001/3/1 7:56:32	PDF	1.1	87685	講習会.pdf	/export04/iBinder/F00001234.pdf

FIG. 11

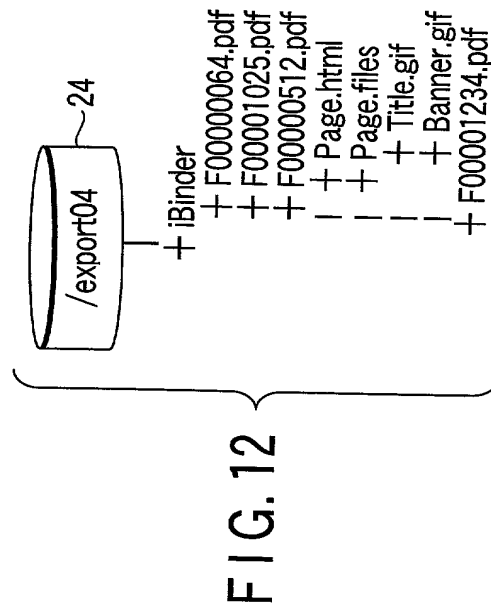


FIG. 13FIG. 14FIG. 15FIG. 16

26d

Device ID	Printing time	User name	Settlement type	Settlement detail information	Accounting type	Count
10.123.12.129	2001/1/24 18:32:18	suzuki	Card	XXX...XX 12/03	Color	12
10.123.12.129	2001/1/25 20:09:43	yamada	Portable tele- phone call charge	C1:XXXXXX	Mono	42
10.123.12.129	2001/1/25 20:09:43	tanaka	Substitute	D -2039	Color	23

FIG. 17

Charge destination ID	Accounting target period	Amount
AgencyA	Due date : January, 2000	1029382.00
AgencyB	Due date : January, 2000	403928.00
AgencyA	Due date : February, 2000	1928376.00
AgencyB	Due date : February, 2000	583921.00

26e

FIG. 18

DeviceID=10.123.12.129
Start=2001/2/22 13:00:32
End=2001/2/22 13:24:12
LeafletNo=900001

Counter1=A3Color,12,9
Counter2=Mono,21,3

Claim0001=10.123.12.129,43251432,suzuki,...
Claim0002=

FIG. 19

27

Payer ID	Description	Valid period		Password
		Start	End	
D-2039	XXX cafe	2001/2/1 0:00:00	2001/4/1 0:00:00	zaqsw
D-2039	XXX cafe	2001/3/1 0:00:00		qwertyu
D-8473	YY tearoom	2001/2/1 0:00:00		2222
D-0493	ZZ department store	2001/2/1 0:00:00		3333

FIG. 20

31

User name	Description	Delivery destination	Members card number	User registration number
suzuki	Ichiro Suzuki	suzuki@○○○○.ne.jp	100000001234	0123
yamada	Taro Yamada	yamada@△△△△.ne.jp	100000002341	2314
kato	Kentaro Kato	kato@××××.ne.jp	100000009847	7362

FIG. 21

Advertisement ID	Layout type	Charge destination ID	Type	Priority	Target	Advertisement time slot		Place	Price	Product code	File name
						Start	End				
M-M00001	Main	Own		A	ALL	0:00	23:59	ALL			http://Shop.com/Parts/Main.svg
C-M00001	Ad4	Own	Coupon	A	Preference : Photograph	0:00	23:59	ALL	¥300	H83726	http://Shop.com/coupon/Film01.svg
C-M00002	Ad4	Own	Coupon	B	Male	0:00	23:59	ALL	10%	H74632	http://Shop.com/coupon/MousePad.svg
C-M00003	Ad4	Own	Coupon	B	Female	0:00	23:59	ALL	20%	J94837	http://Shop.com/coupon/PhotoStand.svg
Ad4-M00001	Ad4	Own		B	ALL	0:00	11:00	ALL			http://Shop.com/Ad4/Morning.svg
Ad4-M00002	Ad4	AgencyA		C	ALL	0:00	23:59	ALL			http://Shop.com/Ad4/ALL1.svg
Ad4-M00003	Ad4P	AgencyA		C	ALL	0:00	23:59	ALL			http://Shop.com/Ad4/ALL2.svg
Ad2-M00001	Ad2	AgencyB		B	ALL	0:00	11:00	ALL			http://Shop.com/Ad4/Morning1.svg
Ad2-M00002	Ad2	AgencyB		B	ALL	0:00	11:00	ALL			http://Shop.com/Ad4/Morning2.svg
Ad2-M00003	Ad2	AgencyB		B	ALL	0:00	23:59	S01,S02			http://Shop.com/Ad4/Kanto.svg
Ad2-M00004	Ad2	AgencyC	Present	C	ALL	0:00	23:59	ALL			http://Shop.com/Ad4/ALL.svg

FIG. 22

35a

User name	Date	Product code	Destination						Desired time slot
			Name	Telephone number	Postal code	Area	Address 1	Address 2	
suzuki	1998/12/1	C0392	Taro Tokyo	03-XXXX-XXXX	XXX	Tokyo	XXXXXXXXXX	XXXXXXXXXX	None
suzuki	1998/12/1	Z9382	Hanako Kyoto	YY-XXX-XXXX	XXX	Kyoto	XXXXXXXXXX	XXXXXXXXXX	In the morning
suzuki	1998/12/1	C0392	Yoshio Osaka	06-XXXX-XXXX	XXX	Osaka	XXXXXXXXXX	XXXXXXXXXX	In the afternoon
suzuki	1998/12/2	Z0483	Taro Tokyo	03-XXXX-XXXX	XXX	Tokyo	XXXXXXXXXX	XXXXXXXXXX	None
suzuki	1998/12/2	Z0483	Hanako Kyoto	YY-XXX-XXXX	XXX	Kyoto	XXXXXXXXXX	XXXXXXXXXX	In the morning
suzuki	1998/12/2	D0493	Yoshio Osaka	06-XXXX-XXXX	XXX	Osaka	XXXXXXXXXX	XXXXXXXXXX	In the afternoon
suzuki	1998/12/2	A0003	Hiroshi Okinawa	ZZZ-XXX-XXXX	XXX	Okinawa	XXXXXXXXXX	XXXXXXXXXX	None

FIG. 23

35b

Product code	Category	Price	Product name	Classification
A0003	Food	¥ 3,500	Cookie assortment	Fragile
C0392	Natural food	¥ 2,000	Seasoning assortment	Fragile
Z9382	Natural food	¥ 3,000	Non-chemical "Yobari" melon	Organic
D0493	Food	¥ 2,000	"Soumen" Noodle assortment	
Z8574	Natural food	¥ 5,000	Ham set	Cooling required
Z0483	Natural food	¥ 3,000	Coffee set	Fragile

FIG. 24

36

Coupon ID	Product code	Discount rate	Price	Members card number	Issue time
329182	H83726		¥300	100000001234	2001/2/28 12:34:56
827162	G29347	15%		100000002341	2001/2/27 16:21:21
948573	K93847	12%		100000009847	2001/2/24 9:53:00

FIG. 25

37a

Advertisement ID	User name	Issue time	Layout ID	Device ID
900001	suzuki	2001/2/1 12:20:21	Layout1	10.123.21.129
900002	yamada	2001/2/1 12:20:31	Layout2	10.123.34.129
900002	satou	2001/2/1 12:20:31	Layout1	10.123.21.129

FIG. 26

10064636 023802

FIG. 27

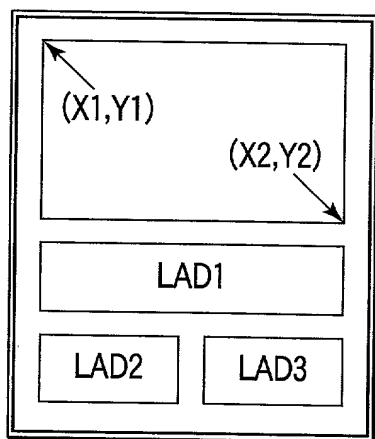
37b

Advertisement ID	Layout location	Parts ID	Auxiliary information
900001	Main	M-M00001	
900001	LAD1	Ad2-M00001	
900001	LAD2	Ad4-M00001	
900001	LAD3	C-M00001	329182

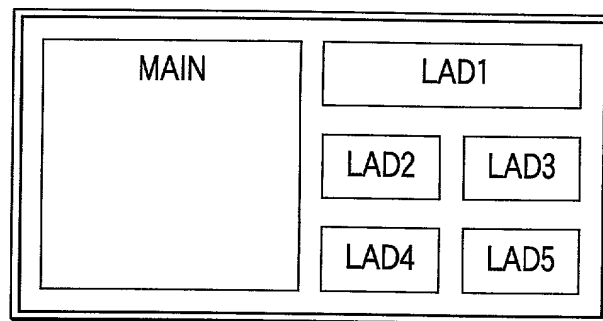
FIG. 28

37c

Layout	Type	Area	Charge unit price
Layout1	Main	(X1,Y1)-(X2,Y2)	5.00
Layout1	Ad2	LAD1	2.00
Layout1	Ad4	LAD2	1.00
Layout1	Ad4P	LAD3	1.50
Layout2	Main	MAIN	3.00
Layout2	Ad2	LAD1	2.00
Layout2	Ad4	LAD2	1.00
Layout2	Ad4	LAD3	1.00
Layout2	Ad4	LAD4	1.00
Layout2	Ad4P	LAD5	1.50



Layout1
FIG. 29



Layout2
FIG. 30

38

Ticket number	Customer name	Birthday	Used
A234	Suzuki	September 15	FALSE
S12	Yamada	June 30	TRUE

FIG. 31

56

File name	CacheFileName	Type	Deletion due date	Final access date and time
http://head/Parts/K001.svg	/export01/Tmp0001.svg	PreLoad	2001/3/6	2001/3/4 12:00:32
http://head/Parts/P209.svg	/export01/Tmp0002.svg	Cache	2001/3/6	2001/3/4 13:12:34
http://head/Parts/N502.svg	/export01/Tmp0003.svg	Cache	2001/3/6	2001/2/28 9:55:29
http://head/Parts/D503.gif	/export01/Tmp0004.gif	Cache	2001/4/8	2001/2/23 18:13:22
http://head/Layout/D11.xsl	/export01/Tmp0005.xsl	PreLoad	2001/3/22	2001/3/2 15:32:21
http://head/Layout/D12.xsl	/export01/Tmp0006.xsl	PreLoad	2001/3/15	2001/2/28 9:55:12

FIG. 32

57

Parts ID	Type	Charge destination ID	Priority	Target	Advertisement time slot		File name
					Start	End	
C-00001	Coupon	Own	A	Preference : Photograph	0:00	23:59	/export03/coupon/Film01.svg
C-S01-00002	Coupon	S01	B	Male	0:00	23:59	/export03/coupon/MousePad.svg
C-S01-00003	Coupon	S01	B	Female	0:00	23:59	/export03/coupon/PhotoStand.svg
Ad4-S01-00001	Ad4	AgencyA	B	ALL	0:00	11:00	/export03/Ad4/Morning.svg
Ad4-S01-00002	Ad4	AgencyA	C	ALL	0:00	23:59	/export03/Ad4/ALL1.svg
Ad4-S01-00003	Ad4	AgencyA	C	ALL	0:00	23:59	/export03/Ad4/ALL2.svg
Ad2-S01-00001	Ad2	AgencyA	B	ALL	0:00	11:00	/export03/Ad4/Morning1.svg
Ad2-S01-00002	Ad2	AgencyA	C	ALL	0:00	11:00	/export03/Ad4/Morning2.svg
Ad2-S01-00003	Ad2	AgencyA	C	ALL	0:00	23:59	/export03/Ad4/ALL.svg

FIG. 33

/export03/Ad4/Morning.svg

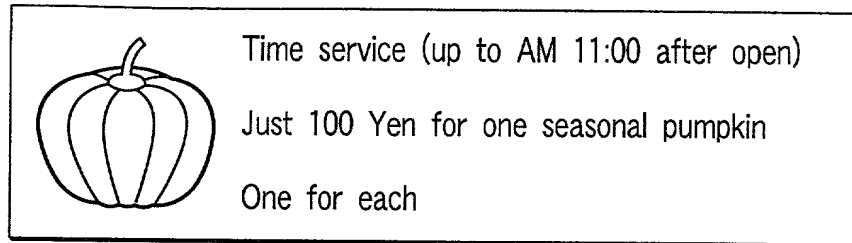


FIG. 34

58

Type	Priority	Time slot		File name
		Start	End	
UNKNOWN	B	0:00	10:59	/export03/Unknown/Morning
UNKNOWN	B	11:00	14:59	/export03/Unknown/Lunch
UNKNOWN	C	0:00	23:59	/export03/Unknown/ALL

FIG. 35

61

Module name	Version
PDF	1.0
Word	1.1
HTML	1.0

FIG. 36

61

Module name	Version	Module file name
PDF	1.0	/usr/local/bin/PrintModule/PDFPrint/1.0/PDFPrint
PDF	1.1	/usr/local/bin/PrintModule/PDFPrint/1.1/PDFPrint
Word	1.0	/usr/local/bin/PrintModule/WordPrint/1.0/Print
HTML	1.0	/usr/local/bin/PrintModule/HTMLPrint/1.0/Mosaic

FIG. 37

62 {

Cassette number	Paper size	Perforation code
Cassette1	A3	None
Cassette2	A4	1020
Cassette3	A4	1101
LCF	A4	None

FIG. 38

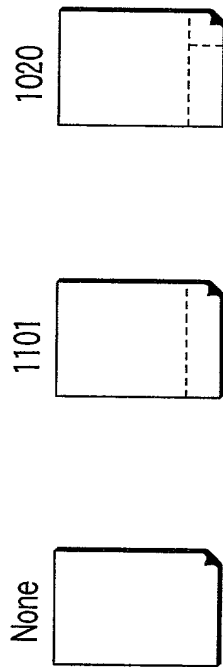
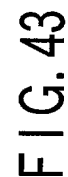


FIG. 39 FIG. 40 FIG. 41

63 {

File name	User name	Requested time	Deletion time	Contact
	suzuki	2001/3/1 13:15:00	2001/3/1 13:18:00	suzuki@○○○○.ne.jp
/export02/Tmp0002.dat	yamada	2001/3/1 13:16:00		yamada@△△△△.ne.jp
/export02/Tmp0003.dat	kato	2001/3/1 13:17:00		kato@XXXXX.ne.jp

FIG. 42





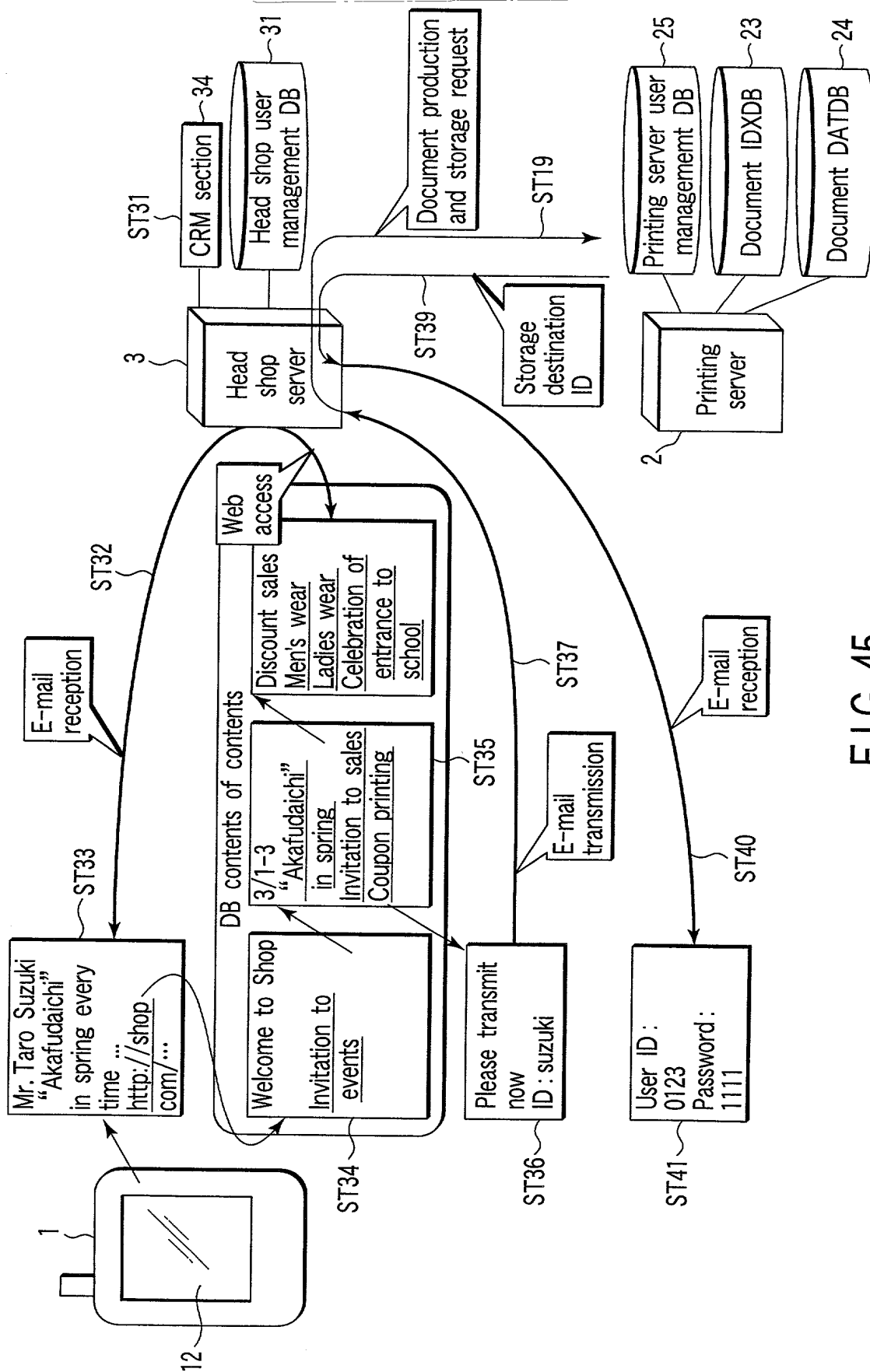


FIG. 45

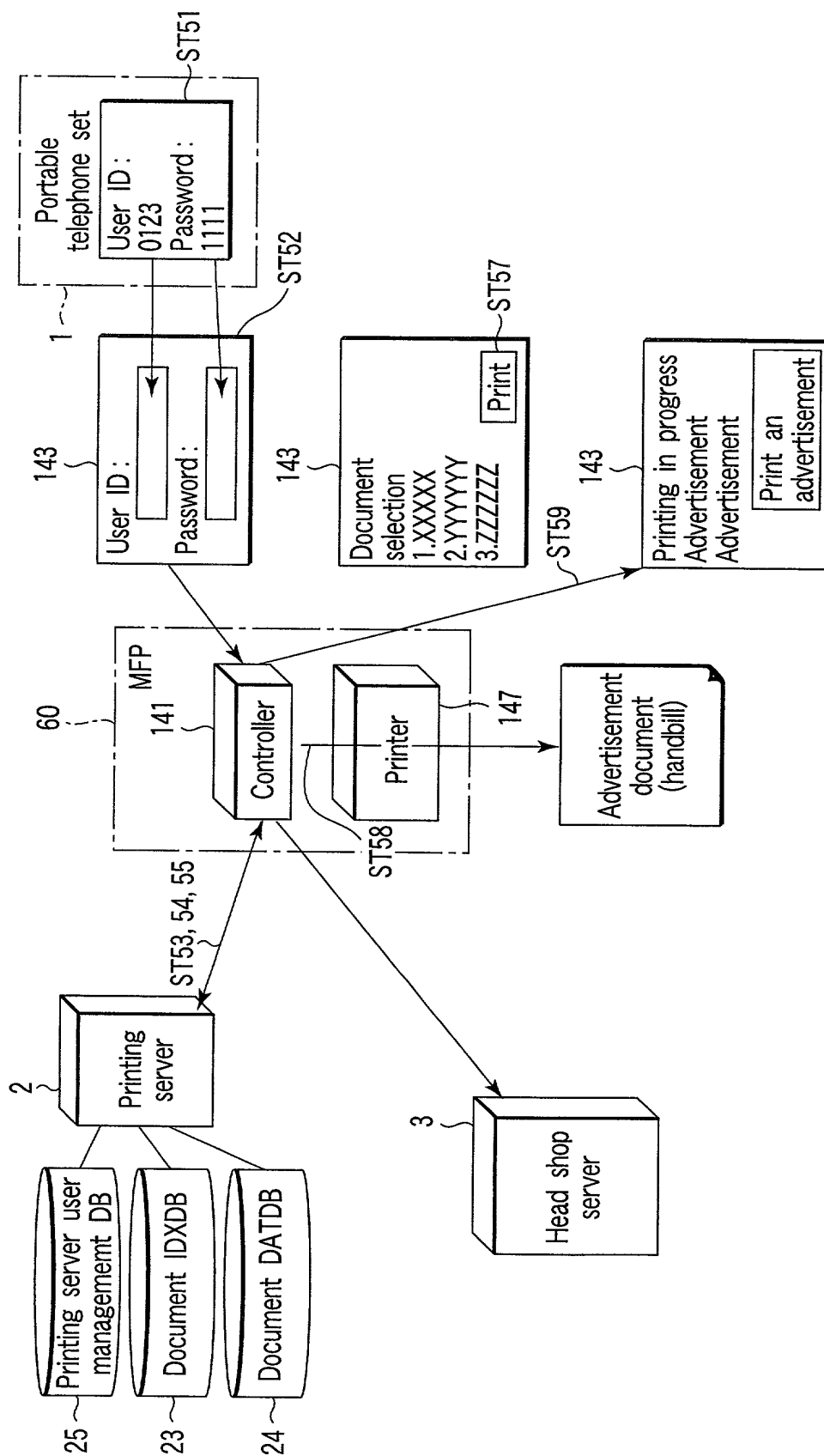
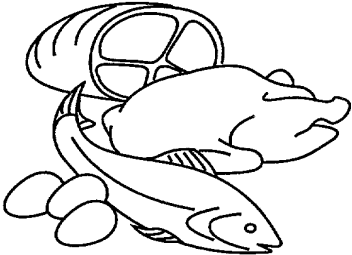




FIG. 46



User name (suzuki)

Mr. Ichiro Suzuki

 Autumnal discount food sales

 Direct transport : 1,000 Yen

 300 Yen
Three for each

 1,200 Yen

9 784844 348450

Handbill (900001)

Parts (M-M00001)

Parts (AD2-M00001)

Parts (C-M00001)

Parts (Ad4-M00001)

FIG. 47

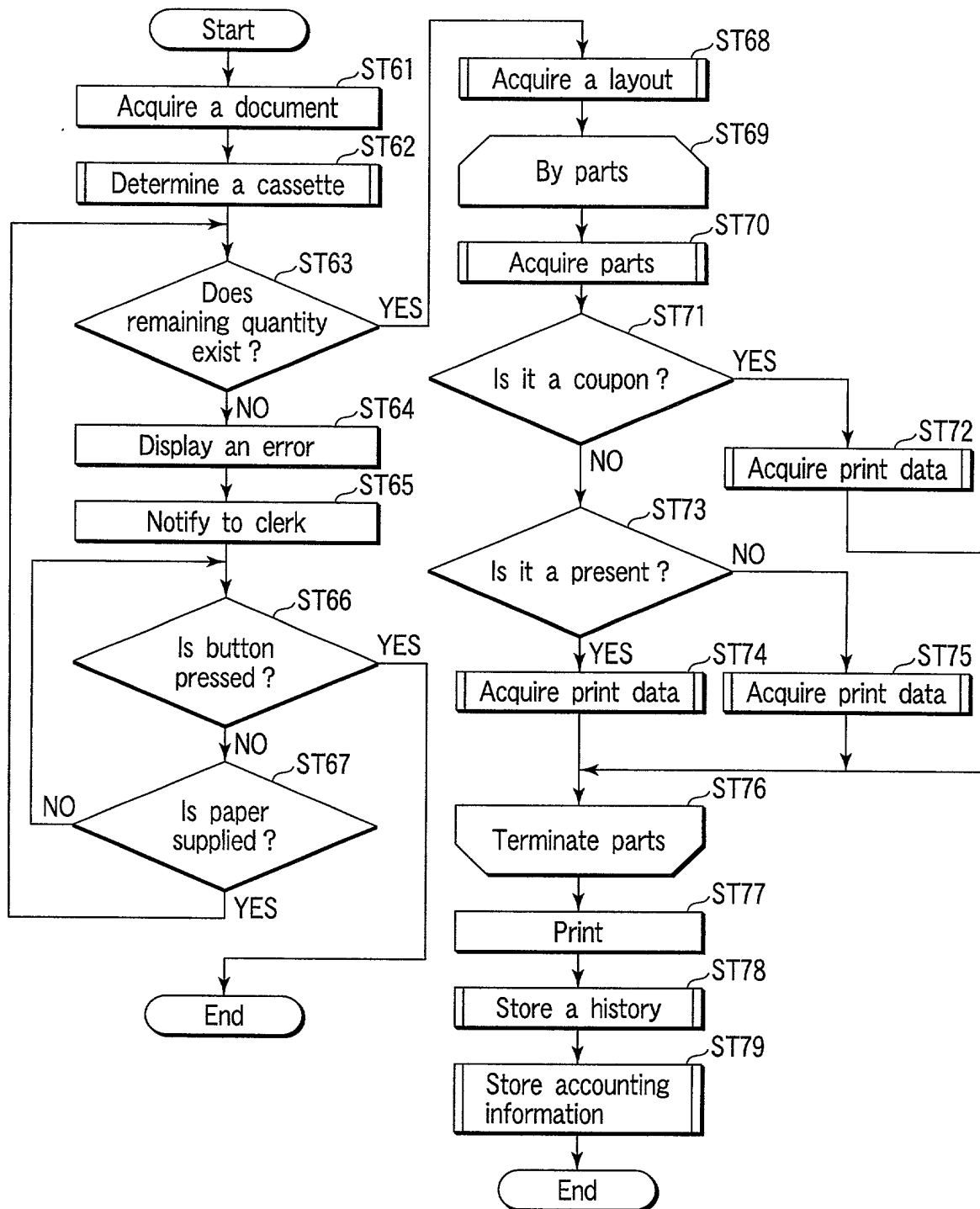


FIG. 48

UserName="Ichiro Suzuki"
Profile=Preference : Photograph, Male
Paper=A4,1101
Layout=Layout1
Main=ID,M-M00001
LAD1=Head,Ad2,Preference : Photograph
LAD2=ID,Ad2-M00001
LAD3=ID,C-M00001

FIG. 49

No paper exists.
Please wait for clerk to come

Cancel and Exit

~143

FIG. 50

Title

Urgent : No paper

Text

To : A person responsible
for printing system
Printing system No. 1
At : (IF Entrance)
Paper A4-Perforation is
out.
Customer is waiting for
you.

FIG. 51

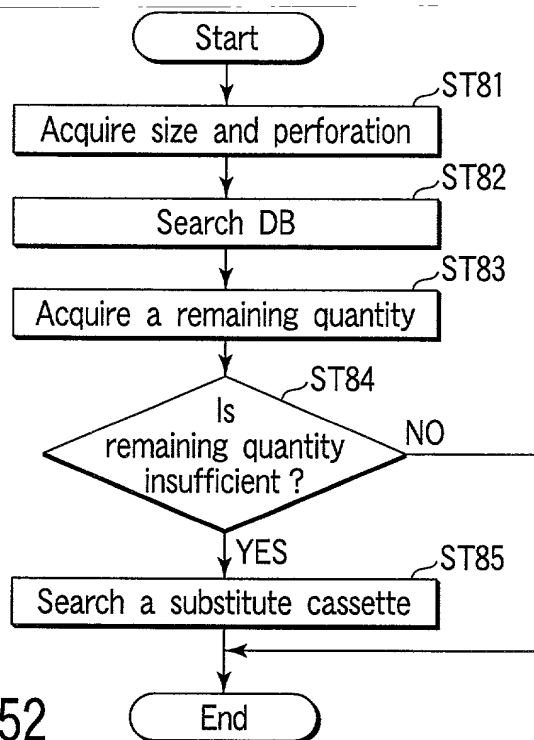


FIG. 52

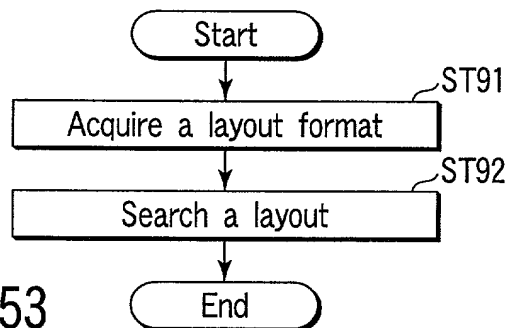


FIG. 53

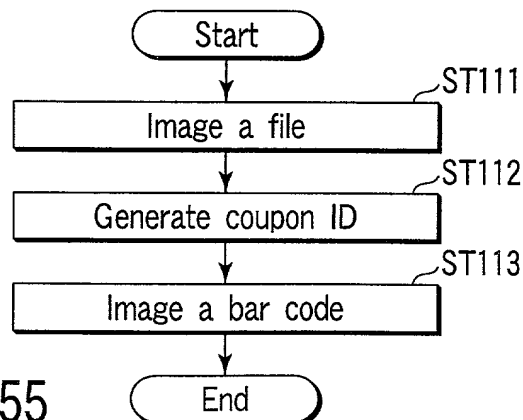


FIG. 55

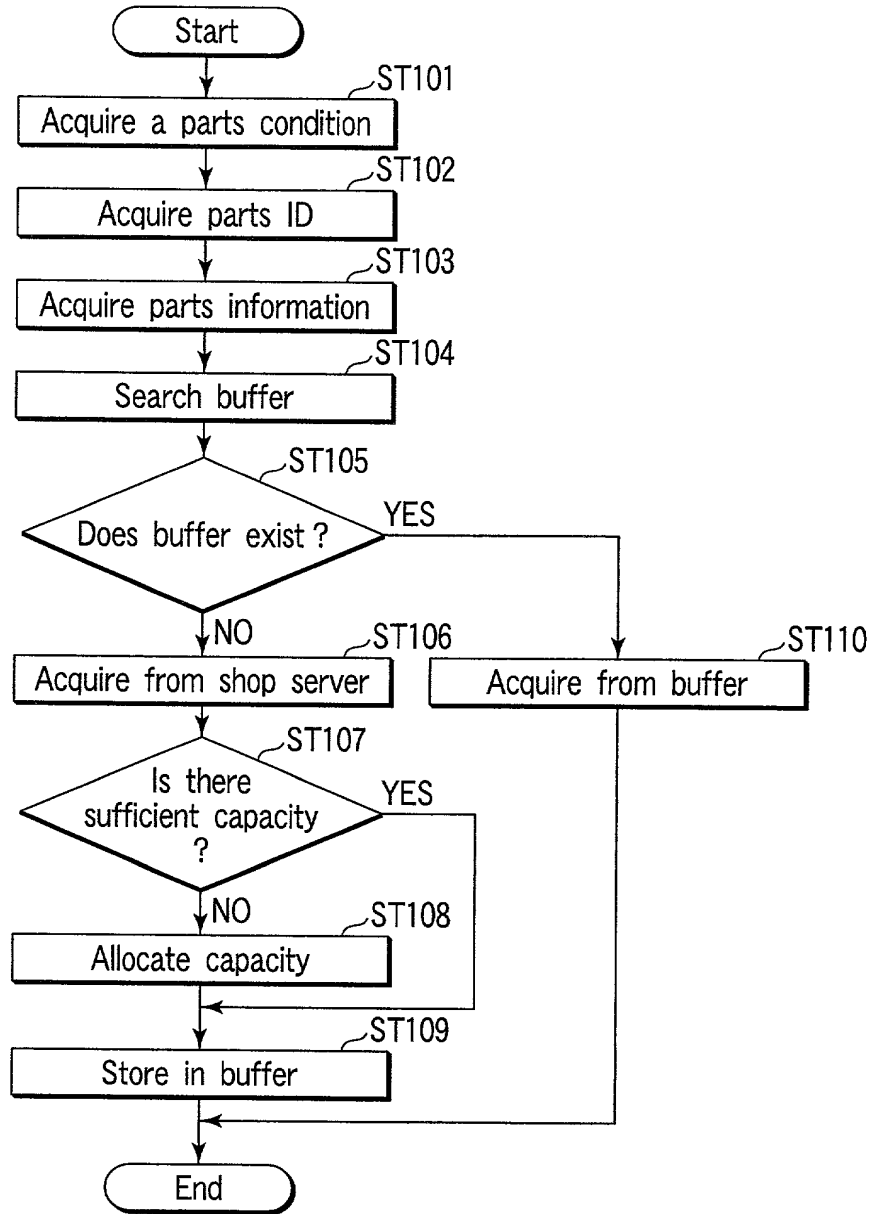


FIG. 54

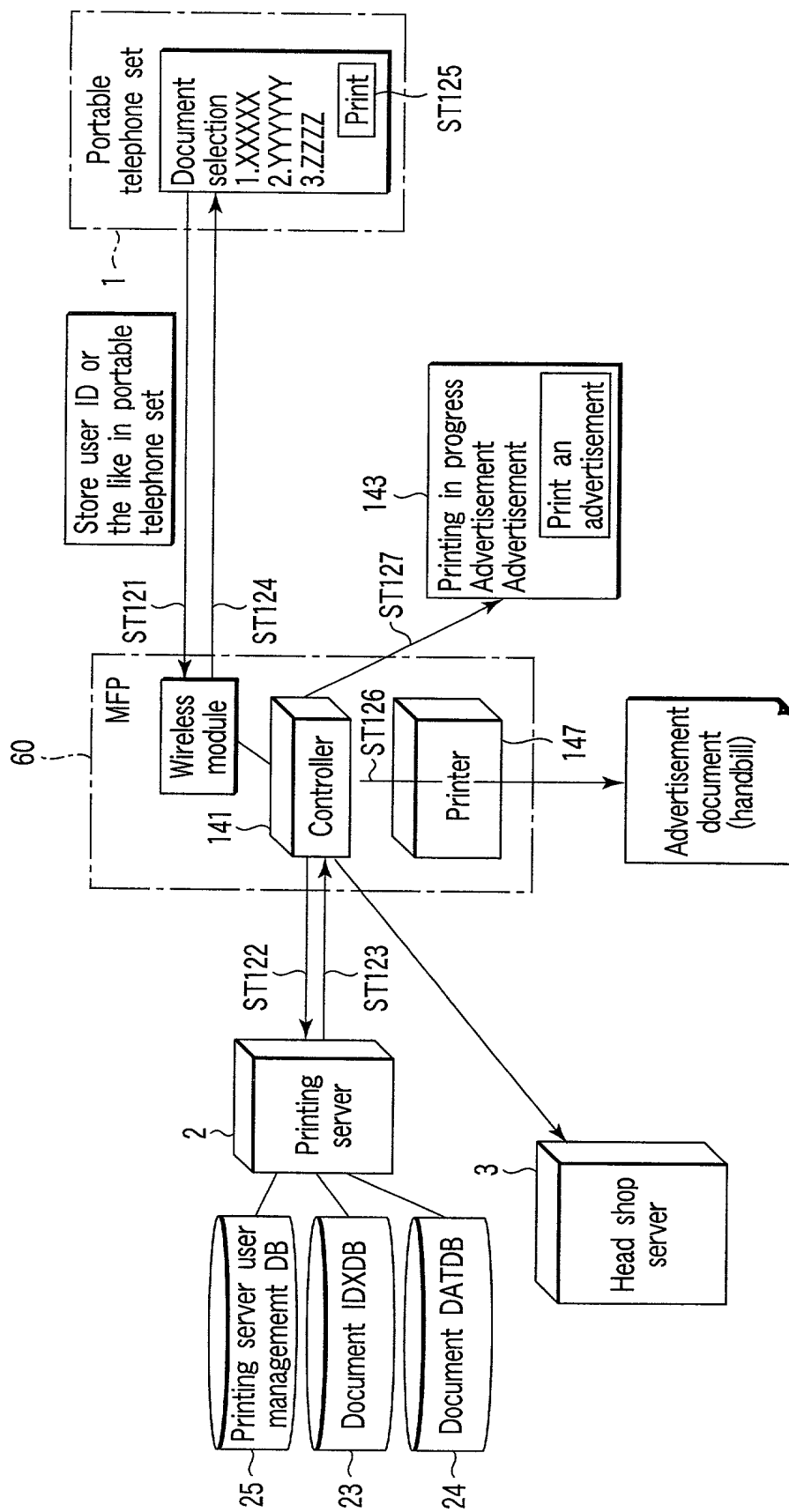


FIG. 56

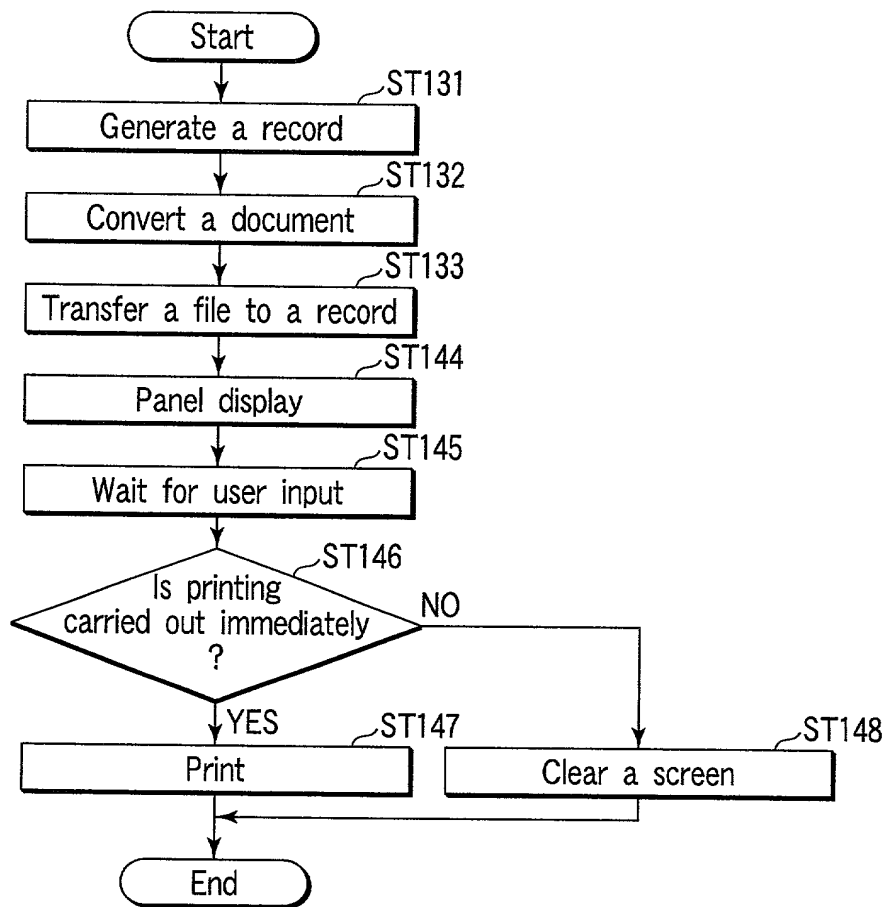


FIG. 57

143

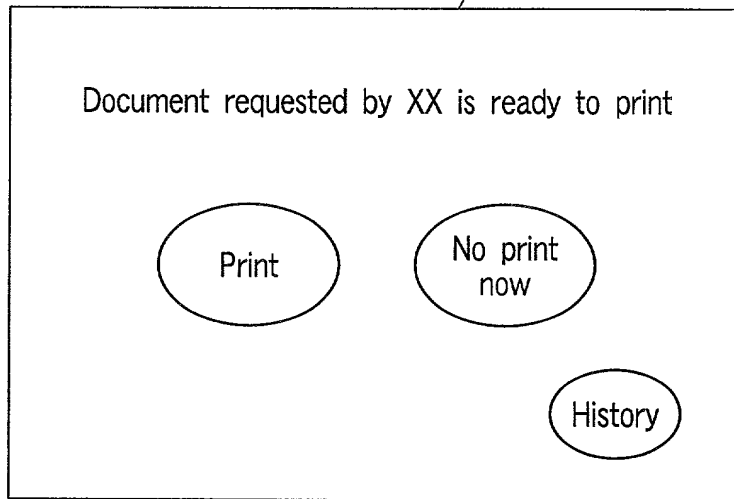


FIG. 58

143

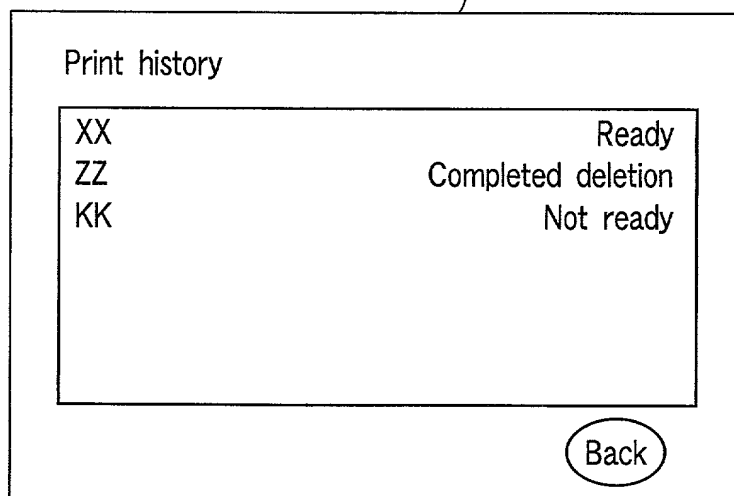


FIG. 59

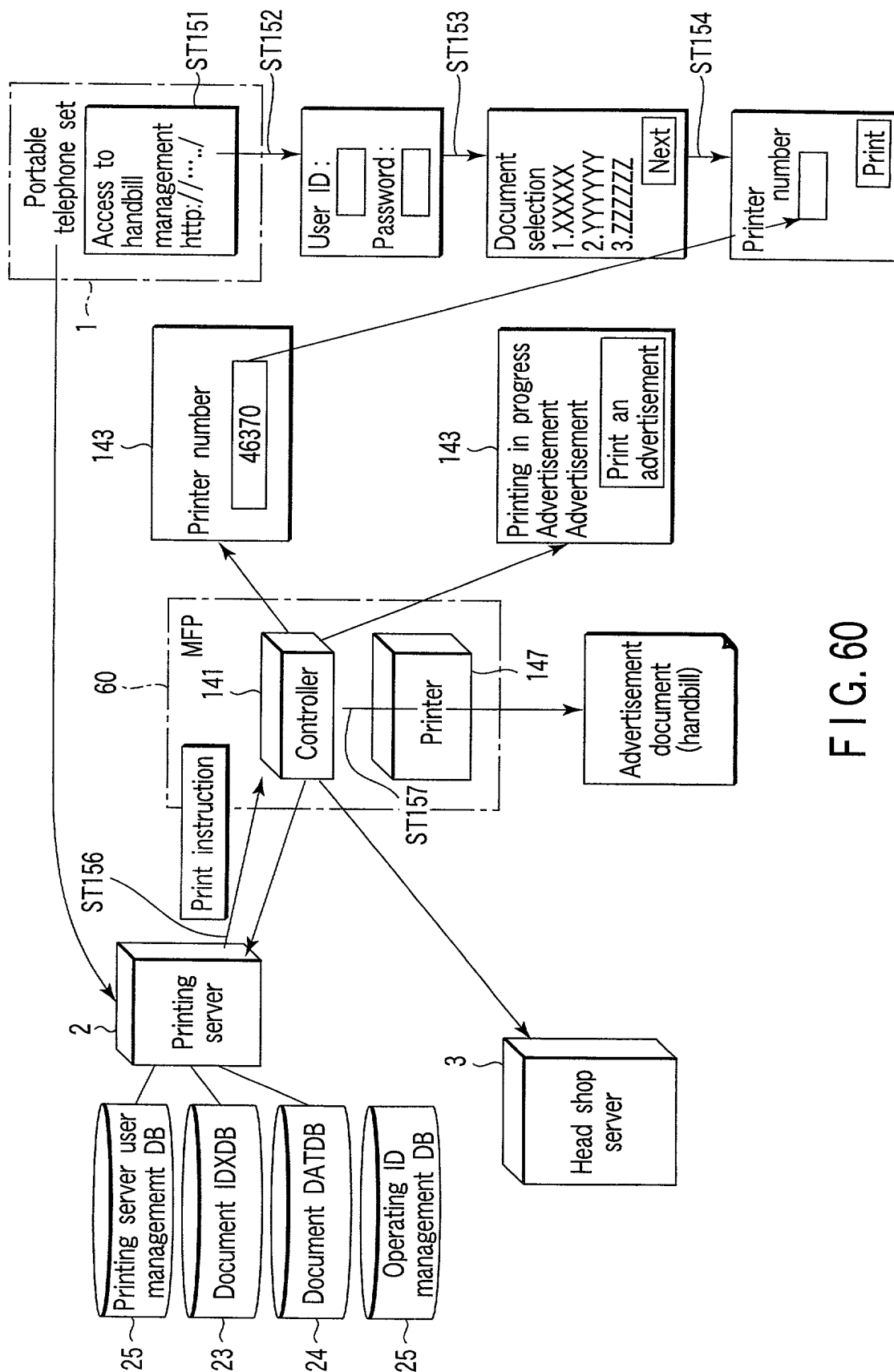


FIG. 60

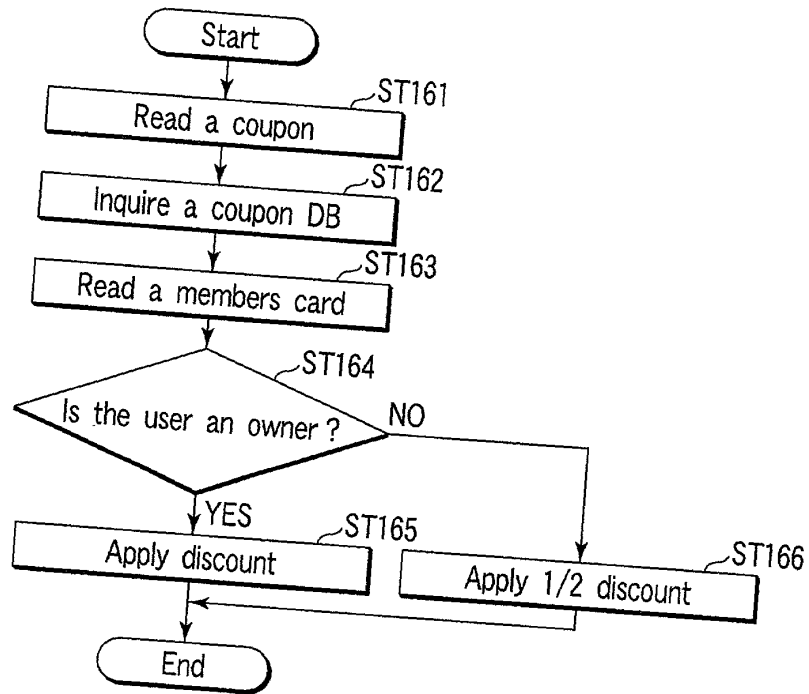


FIG. 61

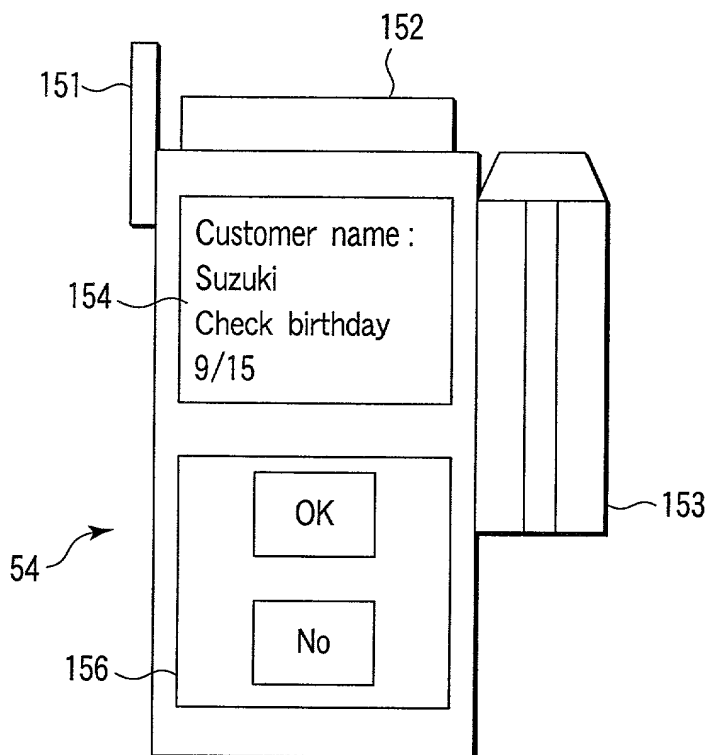


FIG. 62

Product name	Exclusive coupon for Mr. Suzuki
Ordinary price	20% OFF for Mr. Suzuki
	10% OFF if you introduce someone
Please show a members card during use	
<div>Bar code</div>	

FIG. 63

XXX Concert Seat : A234	Please declare your name and birthday during ticket check	Bar code
----------------------------	--	----------

FIG. 64

XX department store Gold member
registration card

Name
<input type="text"/>
Address
<input type="text"/>
Mobile E-mail address
<input type="text"/>
Contact
<input type="text"/>
May we deliver event information via E-mail
<input type="radio"/> OK <input type="radio"/> No

FIG. 65

Title: ADVERTISEMENT
TRANSMITTING SYSTEM
Inventor(s): Kazuhiro OGURA et al.
Atty. Dkt. No.: 016907-1378

UserName="Ichiro Suzuki"
Paper=A4,1101
Layout=Layout1
Main=URL.HTTP://xxxx/coupon.cgi
LAD1=Head,Ad2,Preference : Photograph
LAD2=ID,Ad2-M00001
LAD3=ID,C-M00001
ChargeID=D-2039
ChargePWD=zaqsw

FIG. 66

143

Your stored document has expired validity.
You need to pay a print charge by yourself.
Is it OK ?
YES NO

FIG. 67